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(71) Applicant (for all designated States except US): NUEVO-LUTION A/S [DK/DK]; Rønnegade 8, 5., DK-2100 Copenhagen Ø. (DK).

- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FRESKAARD, Per-Ola [SE/SE]; Örtugsgatan 50, S-603 79 Norrköping (SE). LUNDORF, Mikkel, Dybro [DK/DK]; Viborggade 13, st. tv., DK-2100 København O (DK). FRANCH, Thomas [DK/DK]; Tjørnevej 26, DK-3070 Snekkersten (DK).
- (74) Agent: HØIBERG A/S; St. Kongensgade 59A, DK-1264 Copenhagen K (DK).
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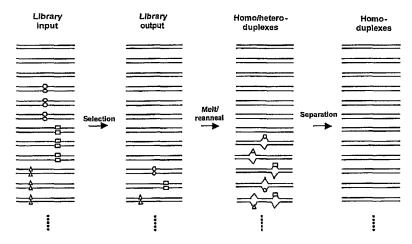
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(54) Title: METHOD FOR ENRICHMENT INVOLVING ELIMINATION BY MISMATCH HYBRIDISATION

# Homo- and Hetero-duplex formation and separation



(57) Abstract: The present invention relates to a method for selecting a molecule from a library of such molecules associated with identifier oligonucleotides, said molecule having affinity towards a target. The method involves contacting library with a target to allow for an interaction between the molecules and the target and partitioning a fraction enriched in identifier oligonucleotides of molecules interacting with the target. After an optional nucleic acid amplification of the partitioned fraction, the fraction is subjected to conditions at which and homo-duplexes hetero-duplexes are formed. The homo-duplexes are subsequently recovered and decoded to identify the identity of the molecule interacting with the target.



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